

# DCR-VX700

## DIGITAL VIDEO CASSETTE CAMCORDER

- DIGITAL VIDEO (DV) SYSTEM
- 1/3" PRECISION CCD (410,000 PIXELS)
- SUPER STEADYSHOT™ PICTURE STABILIZATION
- PHOTO MODE WITH ADAPTIVE FRAME INTERPOLATION TECHNOLOGY
- DIGITAL VIDEO INTERFACE¹
- AUDIO DIGITAL SIGNAL PROCESSING
- PRECISION 20X DIGITAL ZOOM
- TIME CODE AND EXTENDED DATA CODE
- PRECISION COLOR VIEWFINDER (180,000 PIXELS)
- 3 LUX MINIMUM ILLUMINATION²



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## FEATURES

### Digital Video (DV) System

- **DIGITAL VIDEO RECORDING**
- **COMPONENT VIDEO RECORDING** dramatically improves color reproduction
- **PCM STEREO DIGITAL AUDIO:** 12-bit, 32 kHz
- **60 MINUTES RECORDING** on cassette 1/12 the size of VHS

### Audio/Video Performance

- **CCD IMAGING DEVICE:** 1/3" Precision CCD (410,000 pixels)
- **AUDIO DIGITAL SIGNAL PROCESSING:** superior wind noise reduction, clear stereo sound<sup>4</sup>
- **PRECISION 20X DIGITAL ZOOM, 10X OPTICAL ZOOM**
- **SONY SUPER STEADYSHOT PICTURE STABILIZATION:** Sony's new Super SteadyShot system reduces hand shake without compromising picture quality. Using a proprietary motion sensing system with Variable Prism technology, the Super SteadyShot system excels at reducing even difficult high frequency shake (e.g. while shooting from a moving vehicle)
- **FULL-RANGE AUTO FOCUS** from macro to infinity
- **DIGITAL CAMERA SIGNAL PROCESSING**
- **3 LUX MINIMUM ILLUMINATION**<sup>2</sup>

### Convenience

- **PRECISION COLOR VIEWFINDER** (180,000 pixels)
- **LITHIUM ION BATTERY WITH READYCHARGE™ SYSTEM**
- **SELF-ILLUMINATING FUNCTION BUTTONS**
- **EXTENDED DATA CODE:** automatically stores Date/Time/ Shutter Speed/Gain/Iris/F No. for easy recall
- **CONTENT LIST:** on-screen list of Record Dates and Photos (with Sony DV tape which has cassette memory)
- **2-SPEED EDIT SEARCH™ FEATURE**

### Special Features

- **A/V DIGITAL FADER, OVERLAP AND SLIDE/WIPE TRANSITIONS:** lets you fade to/from black or make creative transitions from previous still picture
- **PHOTO MODE:** Adaptive Frame Interpolation technology allows you to capture high quality still images
- **INTERVAL AND FRAME RECORDING** for single frame recording and time-lapse effects

## Manual Controls

- **4-MODE PROGRAM AUTO EXPOSURE** includes Portrait Mode, Sports Mode, Natural Night Mode, and High-Speed Shutter Modes
- **MANUAL EXPOSURE:** Iris/Gain (20-step)
- **MANUAL WHITE BALANCE**
- **MANUAL FOCUS RING**

## Editing

- **DV INTERFACE** for direct input and output, digital-to-digital audio and video editing<sup>1</sup> without quality loss (A/V and control)
- **TIME CODE** for hour, minute, second, and frame; identifies and locate scenes for editing
- **CONTROL L (LANC)**

## SPECIFICATIONS

**IMAGING DEVICE:** 1/3" Color CCD, 410,000 pixels (gross)  
**LENS:** 10:1 power zoom lens (4.1—20 sec); f = 6.1—61mm, F1.6, Filter diameter 52mm  
**FOCUSING:** Full range inner focus system (auto/manual)  
**WHITE BALANCE:** Auto, Hold, Outdoor (5800°K), Indoor (3200°K)  
**MINIMUM ILLUMINATION:** 3 lux<sup>2</sup>  
**EXPOSURE:** Auto, Manual: Iris/Gain (20 levels)  
**SHUTTER SPEEDS:** 1/60—1/10,000 second  
**VIEWFINDER:** Precision color LCD, 180,000 pixels  
**FORMAT:** DV Digital Video  
**VIDEO SIGNAL:** NTSC Standard<sup>3</sup>  
**VIDEO RECORDING SYSTEM:** Helical scanning system  
**AUDIO RECORDING SYSTEM:** Helical scanning system, 12-bit, 32kHz  
**AUDIO PLAYBACK SYSTEM:** 12-bit, 32kHz; 16-bit, 32/44.1/48kHz  
**DV INTERFACE:** DV connector<sup>1</sup>  
**VIDEO ANALOG OUTPUT:** S-Video, Phono Jack  
**AUDIO ANALOG OUTPUT:** Stereo Phono Jacks<sup>4</sup>  
**HEADPHONE JACK:** Stereo Minijack  
**CONTROL L (LANC) TERMINAL:** Stereo Minijack  
**MICROPHONE:** Electret condenser stereo, with audio DNR  
**EXTERNAL MIC INPUT:** Stereo Minijack, low impedance, plug-in power  
**POWER REQUIREMENTS:** 6V DC (battery pack); 7.5 V DC (AC power adaptor)  
**POWER CONSUMPTION:** 7.9W  
**DIMENSIONS (WHD):** 4 3/8 x 5 1/2 x 11" (110 x 144 x 278 mm)  
**WEIGHT:** 2 lbs, 11 oz (1.2kg); without tape and battery  
**SUPPLIED ACCESSORIES:** AC-V515 AC Adaptor, NP-720 Rechargeable Battery  
CR2025 Lithium Battery (built-in), AA Batteries (x2)  
RMT-803 Wireless Remote Control, Shoulder Strap, A/V Cable  
S-Video Cable, Lens Cap, Sony DVM60 ME 60 min. Mini DV Videocassette  
**OPTIONAL ACCESSORIES:** HVL-F7 Video Flash, LCH-VX1000 Hard Carrying Case  
VMC-20V DV Cable, Sony DVM60 ME 60 min. Mini DV Videocassette, Sony DVM30 ME 30 min. Mini DV Videocassette

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<sup>1</sup>Editing/Dubbing: Recording to and from the Digital Video Cassette Recorder may be limited by the copy management system.

<sup>2</sup>Minimum illumination: There is no standard procedure for testing minimum illumination.

<sup>3</sup>Direct playback: On NTSC American Standard TV.

<sup>4</sup>Stereo: Stereo sound playback requires the use of stereo capable TV/Monitor.

# SONY

Sony Electronics Inc.  
1 Sony Drive  
Park Ridge, New Jersey 07656

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